

## OriGene Technologies Inc.

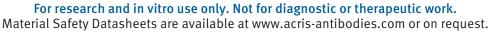
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## TA329667 OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

|                     | Polyclonal Antibody to YDL126C / VCP (Baker's Yeast,   |  |  |
|---------------------|--|--|--|
|                     | 128-142) - Aff - Purified  |  |  |
| Alternate names:    | 15S Mg(2+)-ATPase p97 subunit, CDC48, Transitional endoplasmic reticulum ATPase,<br>Valosin-containing protein, YDL126C  |  |  |
| Catalog No.:        | TA329667   |  |  |
| Quantity:           | 0.1 mg   |  |  |
| Concentration:      | 0.5 mg/ml  |  |  |
| Uniprot ID:         | <u>P25694</u>  |  |  |
| NCBI:               | <u>NP_010157.1</u>   |  |  |
| GenelD:             | <u>851431</u>  |  |  |
| Host:               | Goat   |  |  |
| Immunogen:          | Synthetic peptide from the internal region of the protein sequence according to NP_010157.1.<br>Genename: CDC48<br>AA Sequence:<br>C-PIADTIEGITGNLFD   |  |  |
| Format:             | State: Liquid purfied Ig fraction<br>Purification: Antigen Affinity Chromatography<br>Buffer System: Tris saline, pH~7.3<br>Preservatives: 0.02% Sodium Azide<br>Stabilizers: 0.5% BSA   |  |  |
| Applications:       | <ul> <li>Peptide ELISA: 1/128000 (Detection limit).</li> <li>Western blot: 0.3-1 μg/ml. Approx 100kDa band observed in lysates of cell line HeLa (calculated MW of 92.0kDa according to NP_010157.1).</li> <li>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</li> </ul> |  |  |
| Specificity:        | This antibody recognizes CDC48 / YDL126C (Baker's Yeast, aa128-142) / VCP and may cross react in many other species.   |  |  |
| Species Reactivity: | <b>Tested:</b> Human.<br><b>Expected from sequence similarity:</b> Saccharomyces cerevisiae S288c, Human, Mouse, Rat, Dog, Cow.  |  |  |
| Storage:            | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |  |  |

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15kDa

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|-----------|---|-------------------------------------|--|
| Pictures: | TA329667 (0.3ug/ml) staining of HeLa<br>lysate (35ug protein in RIPA buffer).<br>Primary incubation was 1 hour. Detected<br>by chemiluminescence. | 250kDa<br>150kDa<br>100kDa<br>75kDa |  |
|           |   | 50kDa                               |  |
|           |   | 37kDa                               |  |
|           |   |                                     |  |
|           |   | 25kDa                               |  |
|           |   | 20kDa                               |  |
|           |   |                                     |  |

**For research and in vitro use only. Not for diagnostic or therapeutic work.** Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



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